

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:26:41 ON 06 FEB 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:26:47 ON 06 FEB 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 FEB 2004 HIGHEST RN 646989-19-7

DICTIONARY FILE UPDATES: 5 FEB 2004 HIGHEST RN 646989-19-7

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s silybin

L1 21 SILYBIN

=> d 21

L1 ANSWER 21 OF 21 REGISTRY COPYRIGHT 2004 ACS on STN

RN 22888-70-6 REGISTRY

CN 4H-1-Benzopyran-4-one, 2-[(2R,3R)-2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-2-(hydroxymethyl)-1,4-benzodioxin-6-yl]-2,3-dihydro-3,5,7-trihydroxy-, (2R,3R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4-Benzodioxin, 4H-1-benzopyran-4-one deriv.

CN 4-Chromanone, 3,5,7-trihydroxy-2-[3-(4-hydroxy-3-methoxyphenyl)-2-(hydroxymethyl)-1,4-benzodioxan-6-yl]- (8CI)

CN 4H-1-Benzopyran-4-one, 2-[2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-2-(hydroxymethyl)-1,4-benzodioxin-6-yl]-2,3-dihydro-3,5,7-trihydroxy-, [2R-[2.alpha.,3.beta.,6(2R*,3R*)]]-

CN **Silybin** (7CI)

OTHER NAMES:

CN 7C3MT

CN Silibinin

CN Silliver

CN **Silybin A**

CN Silybine

CN Silybum substance E6

CN Silymarin I

CN Silymarin MZ 80

CN Silymarine I

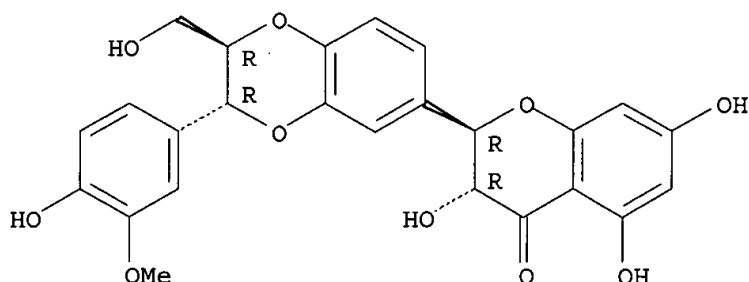
FS STEREOSEARCH

DR 11054-49-2, 11076-05-4, 11076-06-5, 22888-69-3, 50976-99-3, 37574-50-8, 142796-20-1, 87725-90-4, 27359-03-1, 28577-40-4, 29832-10-8

MF C25 H22 O10

CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PROMT, RTECS*,
 SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

482 REFERENCES IN FILE CA (1907 TO DATE)
 22 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 486 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

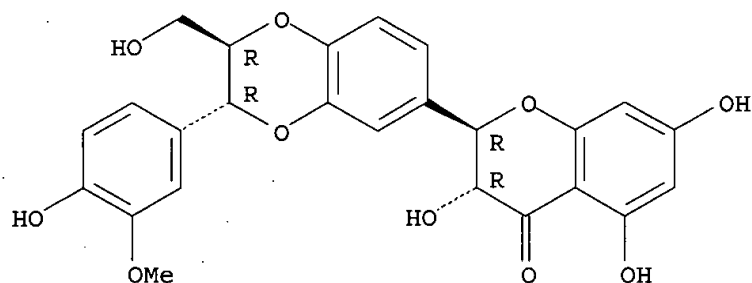
=> s silymarin
 L2 25 SILYMARIN

=> d 25

L2 ANSWER 25 OF 25 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 22888-70-6 REGISTRY
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 CN Silybin (7CI)
 OTHER NAMES:
 CN 7C3MT
 CN Silibinin
 CN Silliver
 CN Silybin A
 CN Silybine
 CN Silybum substance E6
 CN Silymarin I
 CN Silymarin MZ 80
 CN Silymarine I
 FS STEREOSEARCH
 DR 11054-49-2, 11076-05-4, 11076-06-5, 22888-69-3, 50976-99-3, 37574-50-8, 142796-20-1, 87725-90-4, 27359-03-1, 28577-40-4, 29832-10-8

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Connection closed by remote host

1 0 S FLAVONOLIGNAN

FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE, USPATFULL' ENTERED AT 21:51:53 ON
05 FEB 2004

L2 3229 S FLAVANOLIGNAN OR SILIBIN OR SILYMARIN
L3 264 S L2 AND (CARBOHYDRATE OR GLUCOSE OR MALTODEXTRINS OR FUCTOSE O
L4 169 S L3 AND (MINERAL OR MAGNESIUM OR CALCIUM OR SODIUM OR POTASSI
L5 131 S L4 AND VITAMIN
L6 24 S L4 AND (REHYDRATION OR DEHYDRATION OR HYPOTONIC)
L7 23 S L6 AND VITAMIN
L8 23 DUP REM L7 (0 DUPLICATES REMOVED)
L9 702 S L5 OR MILK THISTLE
L10 3538 S L2 OR MILK THISTLE
L11 264 S L10 AND L3
L12 331 S L10 AND (CARBOHYDRATE OR GLUCOSE OR MALTODEXTRINS OR FUCTOSE
L13 35 S L12 AND (REHYDRATION OR DEHYDRATION OR HYPOTONIC)
L14 35 DUP REM L13 (0 DUPLICATES REMOVED)
L15 38 S L10 AND (REHYDRATION OR HYPOHYDRATION OR DEHYDRATION)
L16 35 DUP REM L14 (0 DUPLICATES REMOVED)
L17 38 DUP REM L15 (0 DUPLICATES REMOVED)
L18 38 FOCUS L17 1-

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